

Steven Boot Chumbley

311 E. Main St
Bishop, Tx 78343
210-383-6329

Education

Doctorate



Texas Tech University August 2011
Agricultural Education
Dissertation: Confidence Levels in Integrating Science in the Agricultural Education Curriculum
Completed coursework toward Texas Superintendent Certification

Masters



Texas A&M University-Kingsville August 2009
Educational Administration
Dissertation: A Comparison of Teacher and Administrator Perceptions of Motivational Factors for Career and Technology Educators
Texas Principal Certificate, Instructional Leadership Development (ILD) and Professional Development and Appraisal (PDAS) Certifications
TTES (Texas Teacher Evaluation System)

Bachelors



Texas A&M University May 2005
Agriculture Science
Texas Teacher Certification: Production Agriculture, Horticulture

Professional Experience

August 2015

Texas A&M University Kingsville
Associate Professor (Tenured Aug. 2019)
Undergraduate Courses Taught
AGRI 4350 Collective Leadership in Agriculture
AGSC 1352 Introduction to Agricultural Mechanics
AGSC 1451 Welding & Metal Fabrication
AGSC 3352 Farm Power and Machinery (Hybrid Course)
AGSC 3395 Professional Internship Experiences
AGSC 3367 Agricultural Science Teaching
AGSC 4353 Rural Building Requirements
AGSC 4361 Methods & Materials in Technical Classroom Management
AGSC 4666 Student Teaching Agriculture Science
EDED 3304 Methods of the Teaching Profession

Graduate Courses Taught

AGSC 5306 Graduate Thesis

AGSC 5312 Facilities Management (Hybrid Course)

AGSC 5390 Diffusion of Innovation (Online Course)

AGSC 5395 Graduate Research Project

AGSC 5399 Statistical Evaluation Strategies (Online Course)

Asst. Director of Center for Teaching Effectiveness (Fall 2021-Summer 2022)

.25 FTE Administrative Appointment

Coordinate New Faculty Investment Program

Curriculum Leader for University Faculty Development

August 2011 to
August 2015

Assistant Professor, Eastern New Mexico University

Agricultural Education and General Agriculture Courses Taught

AG 103 Freshmen Orientation

Ag 202 Introduction to Agriculture Education

AG 203 Crop Production

AG 204 Soil Science

AG 221 Introduction to Horticulture

AG 231 Methods of Teaching Metal Fabrication

AG 275 Rural Structures

AG 280 Teaching Engines and Power Units

AG 304 Integrated Pest Management (PPA Certification Course)

AG 315 Advanced Horticulture

AG 331 Forage Crops and Pastures

AG 394 Professional Leadership Development

AG 415 Teaching in an Advanced Laboratory Setting

AG 480 Teaching Methods in Agricultural Education

AG 493 Philosophy and Practice of Career Development Events

AG 494 Senior Seminar in Agriculture (Capstone Course)

General Education and Educational Administration Courses

UNIV 101 Introduction to College for Educators

EDF 301 Foundation of Education (edgrad online course)

SED 460 Secondary Student Teaching

EDAD 526 Educational Leadership (graduate level online course)

Director of Agriculture Dual Enrollment (2013)

August 2009 to August 2011	Graduate Teaching/Research Assistant Texas Tech University Lubbock, Texas Department of Agricultural Education and Communications
July 2008 to August 2009	Agriculture Program Coordinator/ Principal Bandera Independent School District Bandera Texas District administrator and supervisor of agriculture career and technology program at middle and high school campuses Managed program budget and supervised multiple teachers along with FFA student organization
July 2005 to July 2008	Agriculture Science Teacher Burbank High School San Antonio Independent School District San Antonio Texas Taught multiple agriculture science and leadership courses Supervised swine breeding program and school farm Supervised FFA student organization with a diverse inner-city student population

Certifications and Training

Meyers Briggs Type Indicator Personality Test (MBTI) Certified Administrator

True Colors Leadership & Personality Test Certified Administrator

Intercultural Development Inventory (IDI) Certified Administrator

Intercultural Conflicts Style (ICSI) Certified Administrator

Gallup Strengths Finder Certified Strengths Coach

Quality Matters Online

Chumbley, B., Haynes, J.C., Hainline, M. & Sorenson, T. (2018) Online-Self-Regulated Learning in Agriculture Journal of Agricultural Education 59(1), 153-170 DOI: 10.5032/jae.2018.01153

Russell, M., Chumbley, S.B., & Bell, N. (2018) A Measure of Science Motivation in an Introduction to Animal Science Course Journal of Animal Science 96 (1) DOI: 10.1093/jas/sky027.137

Chumbley, B., Hainline, M & Haynes, J.C. (2018) Administrator Perceptions of an Agriculture Dual Enrollment Program Journal of the North American College Teachers of Agriculture (NACTA) 62,-19

Hainline, M., Sorenson, T. & Chumbley, S.B (2017) Perceived Self-Efficacy of Pre-Service Agricultural Science Teachers toward Agricultural Mechanization Journal of Agricultural Systems and Technology 9, 1-14

Chumbley, S. B. (2016) The Impact of a Career and Technology Education Program SAGE Open 1-9. DOI:10.1177/2158244016678036

Chumbley, S. B, Haynes, J. C. & Stofer, K. (2015) A Measure of Students' Motivation to Learn Science through Agricultural STEM Emphasis Journal of Agricultural Education 56 (4) 107-122 DOI:10.5032/jae.2015.04110 Winner Journal of Agricultural Education Article of the Year

Chumbley, S. B. (2015) Taking Advantage of the STEM in Your Agriscience Courses. The Agriculture Education Magazine 48, 12-19.

Chumbley, S. B (2015) Laboratory Safety Practices of New Mexico Agricultural Science Teachers Journal of Agricultural Systems, Technology, and Management 26(5), 1-13

Chumbley, S.B. (2015) The Benefits of a Hybrid Dual Enrollment CTE Course. Techniques 90(4), 27-33

Haynes, J. C. Gill, B. E., Chumbley, S. B. & Slater, T. F. (2015). A cross-case comparison of the academic integration human capital pre-service agricultural educators retain prior to their teaching internship Journal of Agricultural Education, 55(5). 191-206 DOI: 10.5032/jae.2014.05191

Selected Peer-Reviewed Research Presentations (Total 37 available upon request)

Giebler, M, Rucker, J., Chambers, H., Cox, K. & Chumbley, S.B. (2023, February) Mind the skills gap: Understanding limitations of new hires according to agricultural industry professionals American Association for Agricultural Education Southern Region Conference Oklahoma City, OK.

Wells, K.W., Solomonson, J., Hainline, M.S., Rank, B, Wilson, M., Rinker, S. and Chumbley, S.B (2022, May) What Technical Agriculture Skills Do Teachers Need to Teach Courses in Animal Systems Pathway? American Association for Agricultural Education National Conference Oklahoma City, OK.

Wells, K.W., Hainline, M.S., Rank, B, Wilson, M., Rinker, S. and Chumbley, S.B (2022, May) What Technical Agriculture Skills Do Teachers Need to Teach Courses in Plant Systems Pathway? American Association for Agricultural Education National Conference Oklahoma City, OK.

Chumbley, S.B, Dominguez, L. & Sorensen, T. (2022, February) Examining Ethnic Identity of Undergraduate Agriculture Majors American Association for Agricultural Education Southern Conference New Orleans, LA.

Chumbley, S.B, Dominguez, L. & Sorensen, T. (2021, May) Hispanic Student Perceptions of Distance Education in Agriculture American Association for Agricultural Education National Conference Online

Bhandari, A.B., Chumbley, S.B, Dominguez, L. & Turner, B. (2021, June) Assessing Coaches Experiences in Virtual Collegiate Soil Judging Contest During COVID-19 North American College Teachers of Agriculture National Conference Virtual

Chumbley, S.B. & Bradshaw, M. (2020, February) Undergraduate Wildlife Majors Career Skill Confidence 2020 Texas Chapter of the Wildlife Society Meeting Corpus Christi, TX.

Chumbley, S.B., Hainline, M., Haynes, J.C. & Wells, T. (2018, May) A Measure of Motivation to Learn Science Through Plant and Animal Science Courses American Association of Agriculture Educators National Conference Charleston, SC

Turner, B & Chumbley, S.B (2017) Learning to Teach System Dynamics for Agricultural and Resource Management Before and After the Competence Development Framework 2017 International System Dynamics Conference, Cambridge, MA, USA.

Chumbley, B., Haynes, J.C. & Hainline, M (2015) Self-Regulated Learning in an Online Agriculture Course 2015 Proceedings of the American Association for Agriculture Educators Western Conference

Chumbley, B. (2014) How to Integrate STEM in the Their Classroom 2014 Proceedings of the American Association for Agriculture Educators Southern Conference

Chumbley, B., & Russell, M. (2013) Integrating Biology in Agricultural Science Courses 2013 Proceedings of American Association for Agriculture Educators Southern Conference

Chumbley, B., Ritz, R., Burris, S. & Frazee, S. (2012) Levels to Teach Advanced Animal Science for Science Credit American Association for Agriculture Educators Western Region Conference

Chumbley, B., Burris, S., Bryant, P. & Frazee, S. (2010) The Relationship Between Pre Perceived Performance 2010 Proceedings of Western Region American Association for Agriculture Educators Conference

Selected Peer-Reviewed Research Posters (Total 49 available upon request)

Chumbley, S.B, Donato, C. & Nelson, S2020

(2017) King Ranch Foundation Mini Grant Application \$500

(2015) Sustainable Food Production Preparation and Education for the Prevention of Childhood Obesity and Experiential Learning Undergraduates JSDA-HSI Grant: \$249,980. Content Expert (\$14,700)

(2014) United States Department of Agriculture Higher Education Challenge (HEC) Grant: Increasing College Access to Underrepresented Students through Dual Enrollment Chumbley, S.B. \$149,550

3 U R M H F W / H G B e n W o r k s G r a n t U B r z 1 0 & Chumbley, B. (CO-PI) \$3,000

(2009) San Antonio Livestock Exposition (SALE) Education Grant \$16,000

(2008) San Antonio Livestock Exposition (SALE) Education Grant \$10,000

Funded Internal Grants

(2022) Title V Course Redesign Grant \$2,500

(2021) Faculty Course Redesign, Undergraduate Research in Agricultural Mechanics, Title V Fostering Pathways to Success (FP2) \$2,500

(2020) McNair Faculty Sponsor Adan Martinez Project: Enhancing Wildlife Education in AGED through Project WILD \$2,750

(2020) TAMUK Course Redesign Award \$2,500

(2019) McNair Faculty Sponsor Miranda Ventura Project: Enhancing Wildlife Education in AGED through Project WILD \$2,750

(2018) Swinging to Success in Service Learning TAMUK University Service Learning Grant \$6,320

(2018) TAMUK University Research Grant Using 360 VR Video to Improve Student Learning \$10,000

(2017) Service Learning in Agriculture Mechanics, TAMUK Service Learning Grant \$6,080

(20120(s)-1136pu000912 0 612 792 re W792 n Br572 0 6912 0 612 792 re A&eg to Success

(2016) Increasing Students Agricultural Science Skills through Service Learning, Texas A&M University-Kingsville Service Learning Grant \$6,000

(2014) ENMU Internal Research Grant Does Dual Enrollment Participation Increase Student Critical Thinking Ability? \$2,998

(2013) ENMU Internal Research Grant Measuring the ENMU Student Teacher's Level of Science Motivation \$3,000

(2012) ENMU Internal Research Grant Benefits of Science Integration in New Mexico Agriculture \$3,000

(2011) ENMU College of Education and Technology Grant H D V X U L Q J 7 H D F K H U V ¶

Eugenio Conklin (Fall 2022) Thesis Chair
Travis Bell (Spring 2023) Thesis Chair
Islyn Gilmore (Spring 2023) Project Chair
Caitlyn Harris (Anticipated Summer 2023) Course Only Chair
Brooke Mccauley (Anticipated Summer 2023) Project Chair
Marcos Villareal (Anticipated Fall 2023) Project Chair
Katherine Biggs (Anticipated Fall 2023) Thesis Chair
Bailee Kilgore (Anticipated Fall 2023) Project Chair
Anna Grace White (Anticipated Spring 2024) Thesis Chair
Gabriel Aguilar (Anticipated Spring 2025) Thesis Chair
Tori Davis (Anticipated Spring 2025) Thesis Chair

Honors & Awards

2022 Faculty senate leadership as Parliamentarian

2022 Texas A&M System Chancellors Academy of Teacher Educators Award

2022 College of Agriculture and Natural Resources Service Researcher Award

2019 American Association of Agricultural Educators Leadership Academy Fellow

2018 Junior Faculty Teaching Award Texas A&M University Kingsville College of Agriculture

2018 Student Club and Advisor of the Year Agricultural Mechanics and Technology Club Texas A&M University Kingsville College of Agriculture

Selected as a Research Fellow for the 2016 USDA/National Center for Atmospheric Research (NCAR) Climate Change, Global Food Security and the U.S. Food System Research Program

2016 Article of the Year Journal of Agricultural Education

2014 Advisor of the Year Collegiate FFA Eastern New Mexico University

Professional Organizations

American Association of Agriculture Educators (AAAE)

Agriculture Teachers Association of Texas (ATAT)

North American College Teachers of Agriculture (NACTA)

National Association of Teacher Educators

Texas Association of Teacher Educators (TAXTE)

Service

Chair- AGSC Search Committee (2022 & 2023)

Chair- College Tenure & Promotion Committee (2021 & 2023)

Chair (2022-present)- Texas University Teacher Educator Committee (state level)

Selected as ACUE Educator training participant for TAMUK

Chair (2022-2023)- American Association of Agricultural Educators (AAAE) National Member Services Committee

PSJA ISD Advisory Council Member of Career & Technology Advisory Council

Faculty Senate Member & Chair of Elections Committee

Member/Chair Member 2017 & 2018, 2019-2021 Chair University Library Committee

Committee Chair (2019-2022)- Texas FFA State Degree Check Star Greenhand Agribusiness & Star Chapter Production Committees

Co-Coordinator State Agricultural Mechanics CDE

Coordinator (2016-present)- TAMUK Agricultural Mechanics Show (330+ high school participants annually)

Editorial Committee (2017-2020)- TAMUK Undergraduate Research Journal

Advisor (2015-Present)- TAMUK Alpha Tau Alpha Agriculture Education Honors Student Organization & TAMUK Agriculture Mechanics Club

Co-Coordinator TAMUK Agriculture Leadership Development Events (LDE)

Co-Coordinator Texas FFA Area X Leadership Development Events

TAMUK - Committed Member university undergraduate research journal, university general education committee, College of Agriculture & Natural Resources Tenure and Promotion Committee, Department of Agriculture, Agribusiness and Environmental Science Ag Business faculty search committee

ENMU- Committed Member Grade Appeal Committee Chair, Faculty Member Search Committee, University Technology Committee and Distance Education Committee

Presenter/Facilitator- Regional and National AAEE conferences 2010-Present

Advisor ENMU Collegiate FFA Student Organization 2011-2015

Agriculture Dual Enrollment Program Facilitator 2011-2015

Coordinator Eastern New Mexico University Career Development Events 2011-2015

Coordinator New Mexico FFA State Land Judging

Reviewer Journal of Agricultural Education 2012-Present

Judge San Antonio Livestock Show Junior Agriculture Mechanics Contest

2010-Present Hays County Agriculture Mechanics Show 2019

Fredericksburg Ag Mechanics Contest 2017-Present, Nueces County Ag Mechanics Show 2018-Present

Presenter ENMU Bi-Annual Pre-Service Teacher Meeting 2010-Present

Co-Coordinator TX Area I and II Agriculture Mechanics CDE Contest April 2010

Coordinator Agriculture Mechanics CDE Training Workshop March 2010

Social Chair Agriculture Education and Communications Graduate Organization
Spring 2010-Spring 2011

Judge FFA LDE and CDE Contests ranging from district to state levels in TX and NM
Fall 2005 to Present

President Texas A&M University Collegiate FFA 2004-2005

Advertising Editor Agrileader Texas A&M University College of Agriculture Monthly
Publication Fall 2004